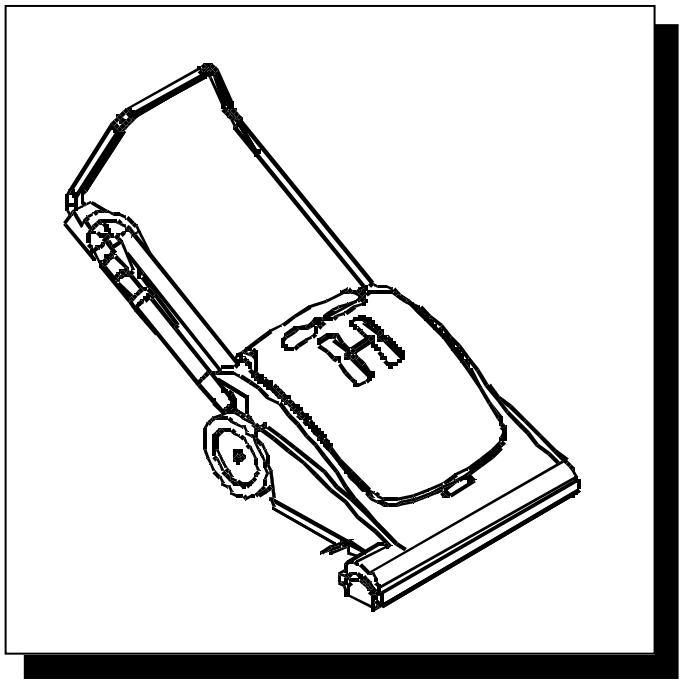
WAVE®

WIDE AREA VACUUM

WINDSOR



Operating Instructions (ENG)
Instrucciones de manejo (ESP)
Mode d'emploi (FR)
Bedienungsanweisung (GER)
Mode de Emploi (ITA)

MODEL:	Country	Voltage
WAV IFA - 10125060	***Australia***	**240V**
WAV IFB - 10125070	***Britain***	**230V**
WAV IFE - 10125080	***Europe***	**230V**
***WAV* IFOB - 10125090**	***Britain***	**230V**

Beginning with Serial No. 1000039231

QUEST® . . . for Continuous Improvement.
Windsor's Quality Management System is Certified ISO 9001.

CE

Read instructions before operating the machine.

Antes de usar la maquina lea atentamente el libro de instrucciones.

Lire attentivement le mode d'emploi avant la mise en service de la machine.

Vor Inbetriebnahme der Maschine Bedienungsanweisung lesen.

Leggere queste istruzioni prima di usare la macchina.

AE

86038520 05/10/13

PRV NO. 98781

MACHINE DATA LOG

Model: _____

Date of Purchase: _____

Serial Number: _____

Dealer: _____

Address: _____

Phone Number: _____

Sales Representative: _____

Warranty Registration

Thank you for purchasing a Windsor product. Warranty registration is quick and easy. Your registration will allow us to serve you better over the lifetime of the product.
To register your product go to:

www.windsorind.com/WarrantyRegistration.aspx

For customer assistance:

1-800-444-7654

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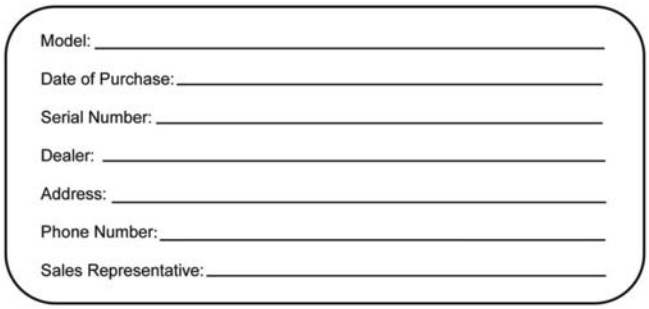
HOW TO USE THIS MANUAL

This manual contains the following sections:

- HOW TO USE THIS MANUAL
- SAFETY
- OPERATIONS
- MAINTENANCE
- PARTS LIST

The HOW TO USE THIS MANUAL section will tell you how to find important information for ordering correct repair parts.

Parts may be ordered from authorized Windsor dealers. When placing an order for parts, the machine model and machine serial number are important. Refer to the MACHINE DATA box which is filled out during the installation of your machine. The MACHINE DATA box is located on the inside of the front cover of this manual.



The model and serial number of your machine is on the bottom back-end of the machine.

The SAFETY section contains important information regarding hazard or unsafe practices of the machine. Levels of hazards is identified that could result in product or personal injury, or severe injury resulting in death.

The OPERATIONS section is to familiarize the operator with the operation and function of the machine.

The MAINTENANCE section contains preventive maintenance to keep the machine and its components in good working condition. They are listed in this general order:

- Belt/Brush Motor
- Vac Motor and Filters
- Vac Motor Carbon Brushes
- Brush Motor
- Carbon Brush
- Daily Maintenance
- Regular/Periodic Maintenance

The PARTS LIST section contains assembled parts illustrations and corresponding parts list. The parts lists include a number of columns of information:

- **REF –** column refers to the reference number on the parts illustration.
- **PART NO.** – column lists the part number for the part.
- **PRV NO.** – reference number.
- **QTY** – column lists the quantity of the part used in that area of the machine.
- **DESCRIPTION** – column is a brief description of the part.
- **SERIAL NO. FROM** – column indicates the first machine the part number is applicable to. When the machine design has changed, this column will indicate serial number of applicable machine. The main illustration shows the most current design of the machine. The boxed illustrations show older designs. If column has an asterisk (*), call manufacturer for serial number.
- **NOTES** – column for information not noted by the other columns.

NOTE: If a service or option kit is installed on your machine, be sure to keep the KIT INSTRUCTIONS which came with the kit. It contains replacement parts numbers needed for ordering future parts.

NOTE: The number on the lower left corner of the front cover is the part number for this manual.

IMPORTANT SAFETY INSTRUCTIONS
When using an electrical appliance, basic precaution must always be followed, including the following:

READ ALL INSTRUCTIONS BEFORE USING THIS MACHINE.

⚠ WARNING: To reduce the risk of fire, electric shock, or injury:

Connect machine to a properly grounded outlet only. See grounding instructions.

Do not leave appliance when plugged in. Unplug from outlet when not in use and before servicing.

This machine is for dry use only. **Do not** use outdoors or on wet surfaces.

Do not allow to be used as a toy. Close attention is necessary when used by or near children.

Use only as described in this manual. Use only manufacturers recommended attachments.

Do not use with damaged cord or plug. If appliance is not working as it should, has been dropped, damaged, left outdoors,or dropped into water, return it to an authorized service center.

Do not pull or carry by cord, use cord as a handle, close a door on a cord, or pull cord around sharp edges or corners.

Do not run appliance over cord. Keep cord away from heated surfaces.

Do not unplug by pulling on cord. To unplug, grasp the plug, not the cord.

Do not handle plug or appliance with wet hands.

Do not put any object into openings. Do not use with any opening blocked; keep free of dust, lint, hair, and anything that may reduce air flow.

Keep hair, loose clothing, fingers, and all parts of body away from openings and moving parts.

Do not pick up anything that is burning or smoking, such as cigarettes, matches, or hot ashes.

Do not use without dust bag and/or filter in place.

Turn off all controls before unplugging.

Do not use to pick up flammable or combustible liquids such as gasoline or use in areas where they may be present.

This machine is **not** suitable for picking up health endangering dust.

This machine is also suitable for commercial use, for example in hotels, schools, hospitals, factories, shops and offices for other than normal housekeeping purposes.

SAVE THESE INSTRUCTIONS

HAZARD INTENSITY LEVEL

The following symbols are used throughout this guide as indicated in their descriptions:

HAZARD INTENSITY LEVEL

There are three levels of hazard intensity identified by signal words -**WARNING** and **CAUTION** and ***FOR SAFETY.*** The level of hazard intensity is determined by the following definitions:

⚠ WARNING

WARNING - Hazards or unsafe practices which COULD result in severe personal injury or death.

⚠ CAUTION

CAUTION - Hazards or unsafe practices which could result in minor personal injury or product or property damage.

FOR SAFETY: To Identify actions which must be followed for safe operation of equipment.

Report machine damage or faulty operation immediately. Do not use the machine if it is not in proper operating condition. Following is information that signals some potentially dangerous conditions to the operator or the equipment. Read this information carefully. Know when these conditions can exist. Locate all safety devices on the machine. Please take the necessary steps to train the machine operating personnel.

FOR SAFETY:

DO NOT OPERATE MACHINE:
Unless Trained and Authorized.
Unless Operation Guide is Read and understood.
In Flammable or Explosive areas.
In areas with possible falling objects.

WHEN SERVICING MACHINE:

Avoid moving parts. Do not wear loose clothing; jackets, shirts, or sleeves when working on the machine. Use Windsor approved replacement parts.

THIS PRODUCT IS FOR COMMERCIAL USE ONLY.

EXTENSION CORDS:

The use of an extension cord with this appliance is not recommended. If an extension cord is used, the wire size must be at least one size larger than the power cord on the machine, and must be limited to 50 feet (15.5m) in length.

GROUNDING INSTRUCTIONS:

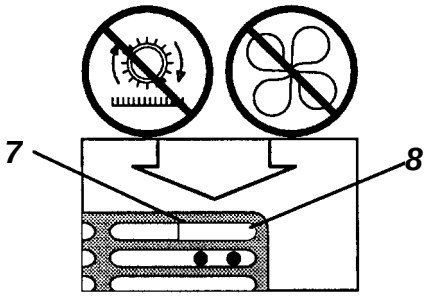
This appliance must be grounded. If it should malfunction or break down, grounding provides a path of least resistance for electric current to reduce the risk of electric shock. This appliance is equipped with a cord having an equipment-grounding conductor and grounding plug. The plug must be inserted into an appropriate outlet that is properly installed and grounded in accordance with all local codes and ordinances.

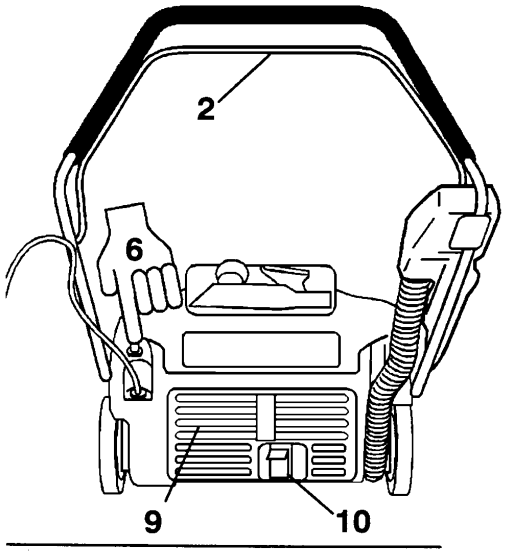
⚠ WARNING:

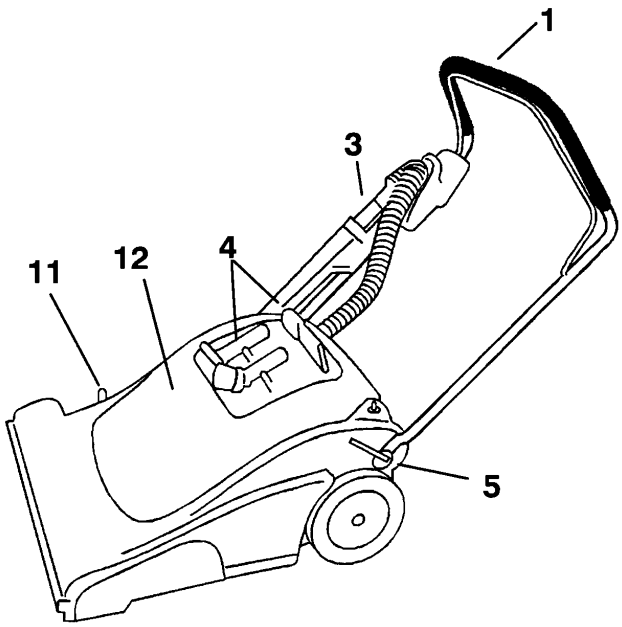
Improper connection of the equipment-grounding conductor can result in a risk of electric shock. Check with a qualified electrician or service person if you are in doubt as to whether the outlet is properly grounded. Do not modify the plug provided with the appliance - if it will not fit the outlet, have a proper outlet installed by a qualified electrician.

CONTROLS

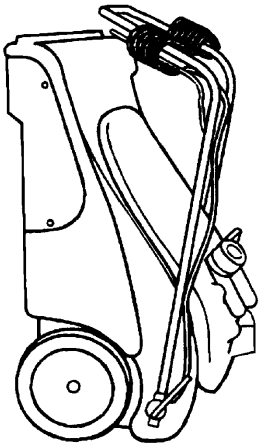
1 ***Main Handle.*** Adjusts for operator comfort and storage.
2 ***Brush on/off lever.*** Activates brush when depressed.
3 ***Accessory vacuum hose and wand.*** Allows operator to clean edges, recessed, ledges, upholstery, etc.
4 ***Detail tools*** Dusting brush, crevice and upholstery tools for above the floor cleaning. Dusting brush comes with adapter for attachment directly to hose. Upholstery and crevice tool connect directly to both the hose and the wand. The crevice tool fits loosely on the wand.
5 ***Handle Adjustment Lever.*** Located on the left side of handle. Pull away from handle to loosen, adjust handle and press parallel to handle to tighten.
6 ***Vac on/off switch.*** Turns on and off vac motor.
7 ***Brush motor circuit breaker.*** Provides overcurrent protection for the brush motor.
8 ***Vac motor circuit breaker.*** Provides overcurrent protection for the vacuum motors.
9 ***Exhaust filter.*** Filters exhaust air for safe and quiet operation.
10 ***Accessory hose activation pedal.*** Press pedal down to use the accessory hose. Lift up with toe for normal use.
11 ***Brush adjustment lever.*** Allows operator to adjust brush to proper height for the carpet. (1) for low nap carpet, (5) for thick nap. Position (6) is storage.
12 ***Dust bag cover.*** Raise to allow access to dust bag and vac motors.
13 ***Cloth dust bag.*** High filtration cloth bag with zipper opening to access paper bag.
14 ***Paper bag.*** Fits within cloth bag for clean and easy dust removal.



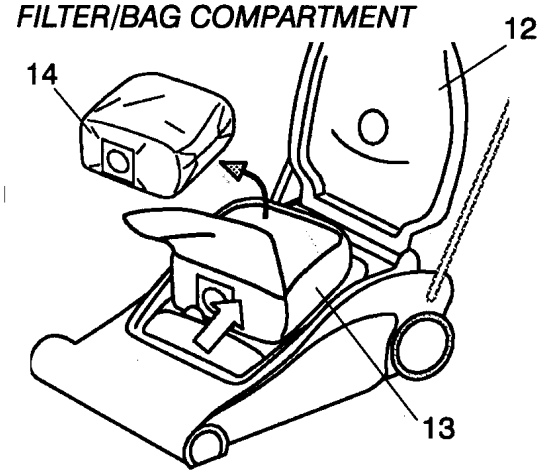




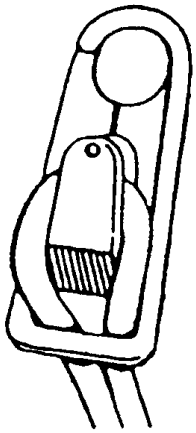
STORAGE POSITION



FILTER/BAG COMPARTMENT



STRAIN RELIEF



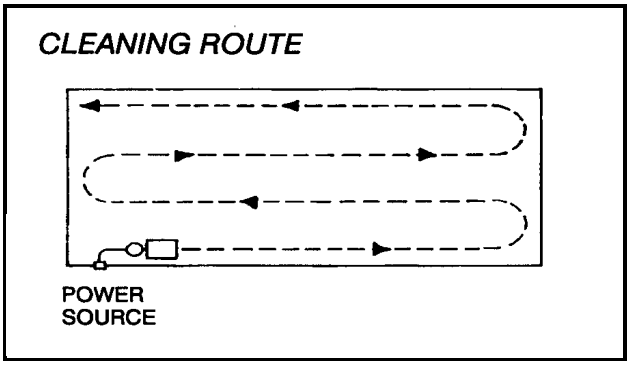
WAVE SET UP

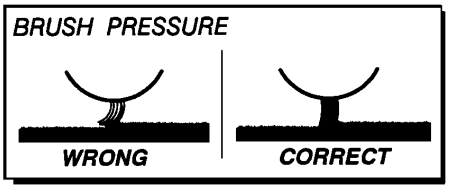
1. Take machine out of storage position by lowering onto all four wheels.
2. Adjust handle to comfortable position at waist level by opening adjustment lever on left side of machine and moving handle. Lock back into position by closing adjustment lever.
3. Install cloth filter bag inside the main body by pushing the rubber collar over the chute.
4. Unzip the cloth bag and place the paper bag inside. Push the rubber gasket seal over the chute. Zip cloth bag closed taking care not to damage the paper bag and close lid.
5. Attach the detail tools to the top of the dust bag cover by pressing the appropriate tool into the clips.
6. Take the accessory wand and attach to the hose and insert wand into the wand holster.
7. Strain relief.

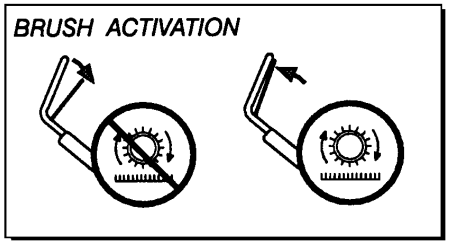
NOTE: Attach strain relief/cord retainer to the power cord.

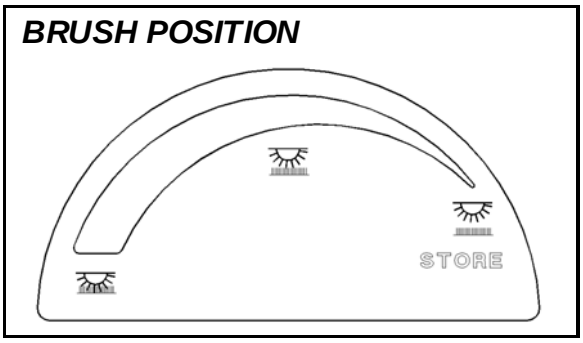
1. Make a loop in power cord approximately 12” from receptacle end.
2. Slide cord loop through slot in retainer arm. Pull slack cord back through slot to secure. Attach retainer to handle.

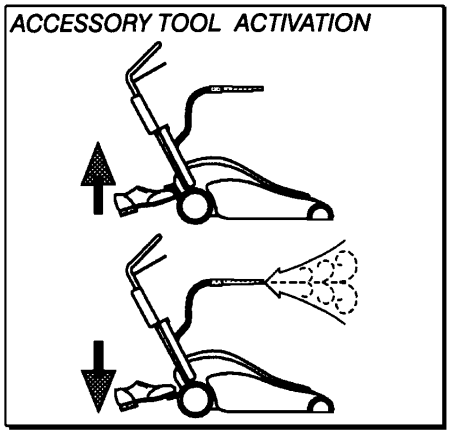
OPERATION











HOW IT OPERATES

This machine is a portable, easy to use wide area vacuum designed for use indoors, in a commercial or light industrial environment.

When operating as a carpet vacuum, soil is lifted from the carpet surface by a rotating brush and carried into a removable bag by the vacuum motors.

1. Large debris such as paper cups, plates, etc., should be picked up before starting the cleaning process.

2. Plan your cleaning route to work away from the electrical source. Move machine forward at a steady pace.

CLEANING

1. Adjust handle to comfortable position at waist level or higher.
2. Use your finger to depress the Vacuum switch at the base of the handle to activate the vacuum.
3. To adjust brush height, move the Brush Adjustment lever on the right side to the correct setting for the carpet being vacuumed. Lower brush gradually until firm brush contact is heard.

! WARNING

KEEP MACHINE MOVING WHILE BRUSH ENGAGED. DAMAGE TO CARPET COULD OCCUR IF NOT MOVING.

NOTE: Always return brush to storage position after using machine.

4. Depress the brush lever at the handle to start the brush.
5. Move forward at a steady pace for through cleaning. Run machine more slowly over extremely soiled areas.
6. Use the right side of the machine for edge cleaning.
7. To use the accessory wand and detail tools, depress the foot lever in the back of the machine.
8. To keep the vacuum operating at maximum efficiency, check the dust bag regularly. Empty when 1/2 to 3/4 full. Always use with disposable paper bag for best results.
9. When finished vacuuming, coil the cable by hand by looping into about a 3 foot diameter, Hang coiled cable over handle. Wrap the end around the cable loop to secure.
10. Return brush to storage position.

NOTE: THE FOLLOWING SERVICE ITEMS SHOULD BE PERFORMED BY AN AUTHORIZED SERVICE FACILITY OR AUTHORIZED SERVICE PERSONNEL. ALL PARTS REFERRED TO IN THESE INSTRUCTIONS CAN BE IDENTIFIED BY USING THE PARTS LISTS AND ILLUSTRATIONS ON THE FOLLOWING PAGES.

⚠ WARNING

REMOVE MACHINE POWER CORD FROM ELECTRICAL SOURCE BEFORE MAKING ANY REPAIRS OR ADJUSTMENTS TO THE MACHINE.

TO ACCESS BELT/BRUSH MOTOR

1. Place machine in the upright storage position.
2. Remove (3) screws holding belt cover to chassis.
3. Loosen brush motor and roll belt off brush pulley.
4. Remove (5) screws holding brush housing to chassis-(3) Located on front of housing,
   (2) Located rear of housing.
5. Remove (2) screws from each end of brush housing and remove brush assembly.
6. Inspect/replace brush and bearings as required. The brush is equipped with yellow wear indicator bristles. The brush should be replaced when it wears down to the height of the yellow bristles.
7. When installing belt push down on motor for proper tension.
8. When reinstalling brush, check belt for proper tension.

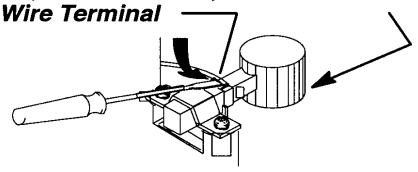
TO ACCESS AND REMOVE VAC MOTOR *AND FILTERS.*

1. Open lid cover.
2. Remove (2) screws from each/both vac motor brackets.

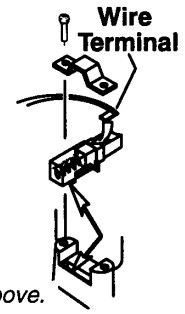
REMOVAL OF VAC MOTOR CARBON BRUSHES

1. Access vac motors as described above.
2. Vac motor can be lifted out and electrically disconnected.

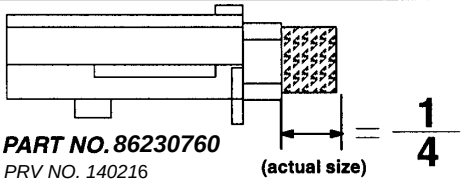
***Note:** When replacing carbon vac motorbrushes loosen wire terminal **BEFORE** removing screws on bracket.*
If armature commutator is not concentric, extremely pitted, or grooved the motor will need to be replaced or sent to a qualified service center.



Important:
These brushes wear quicker as the length shortens due to increased heat.
Spring inside brush housing will damage motor if brushes are allowed to wear away completely.



***Note:** Place stop in groove.*



PART NO. 86230760
PRV NO. 140216

Periodically check the length of the carbon brushes. Replace both carbon brushes when either is less than 3/8" long.

⚠ WARNING

THE GREEN GROUND WIRE MUST ATTACH THE MOTOR TO THE POWER CORD FOR SAFE OPERATION. SEE THE WIRING DIAGRAM.

NOTE: WHEN REPLACING ELECTRICAL COMPONENT PARTS REFER TO WIRING DIAGRAM FOR PROPER CONNECTION.

NOTE: THE VAC MOTOR IS PROTECTED BY A CIRCUIT BREAKER LOCATED IN THE SWITCH PANEL. THE BREAKER WILL ONLY TRIP UNDER CONDITIONS OF ABUSE.

BRUSH MOTOR

1. Access belt and brush as described above.
2. Disconnect spring holding frame to brush motor housing.
3. Remove (4) bolts holding motor housing to the chassis and lift out motor asm.
4. Remove brush motor pulley and (2) bolts holding motor to bracket, lift out brush motor.

CARBON BRUSH

1. Access belt and brush as described above.
2. Remove brush caps. *NOTE: BRUSHES SHOULD BE REPLACED WHEN WORN TO 3/8" OR LESS.*

NOTE: BEFORE REINSTALLING BRUSH MOTOR BRACKET ASSEMBLY IT'S RECOMMENDED THAT THE REAR SPRING BE RECONNECTED TO THE FLAPPER ASSEMBLY.

NOTE: PART NO. 86001250 – PRV NO. 140212 IF YOU HAVE A MOTOR MARKED "LEESON." PART NO. 86135360 – PRV NO. 14340 IF YOU HAVE A MOTOR MARKED "86247470 – PRV NO. 53617."

MAINTENANCE

DAILY MAINTENANCE

1. Shake out bag daily.

2. Check power cord for damaged or frayed insulation.

3. Return brush adjustment lever to “STORE” position when the machine is not in use.

4. Check for and remove any lint or debris around brush and brush housing.

REGULAR/PERIODIC MAINTENANCE

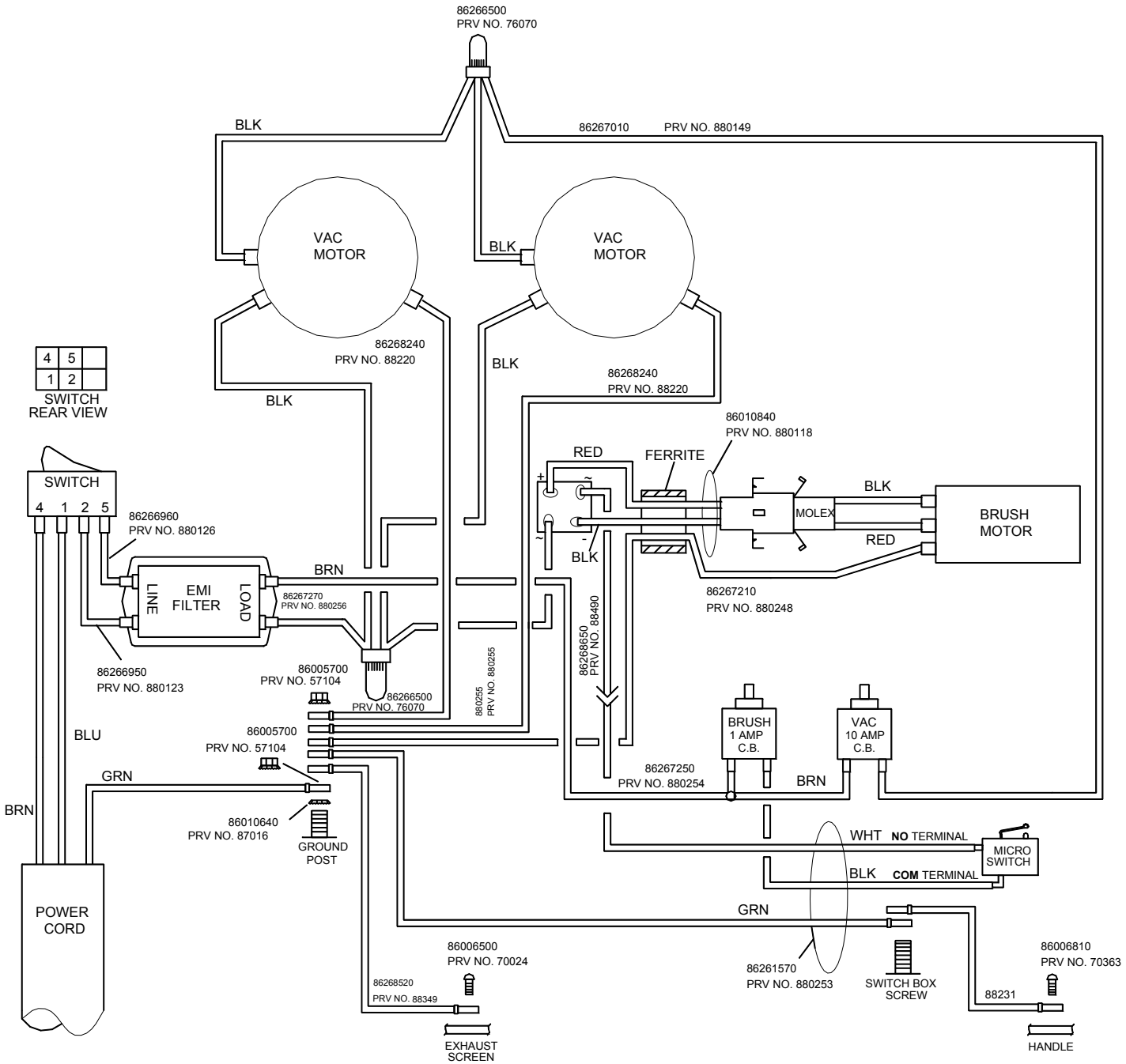
1. Every 4 to 6 months remove wheels, clean axles, and apply a thin coat of silicone lubricant to axles.

2. The filter bag can be washed twice before losing the filtering capability. This should be done using a mild detergent in cool water and hung up to drip-dry.

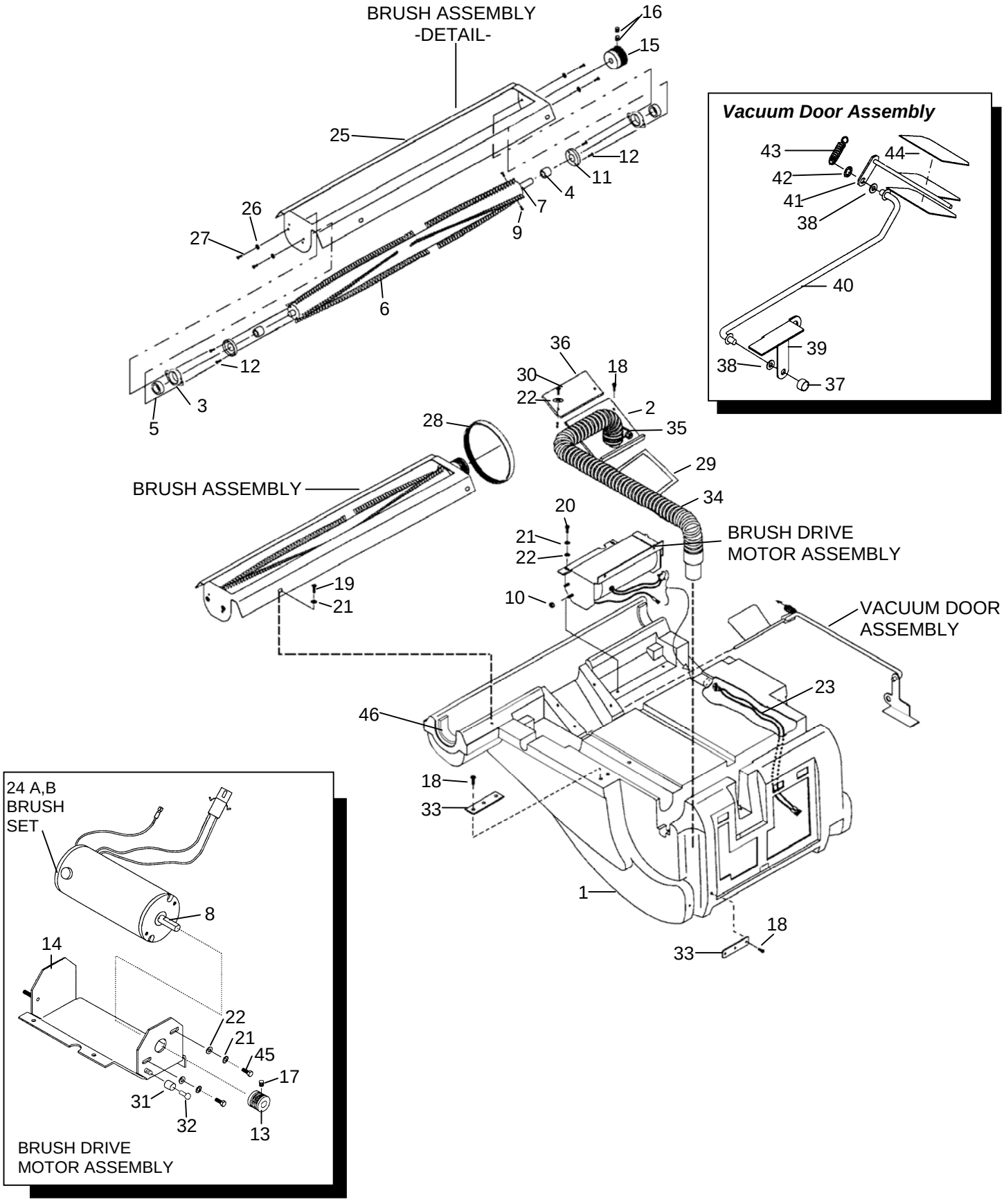
3. Inspect and clean vac motor filters.

4. Periodically inspect all hoses, electrical cables, filters, gaskets and connections on your machine. Frayed or cracked hoses should be repaired or replaced to eliminate vacuum loss.

5. The electrical cable must be well insulated, if the cable insulation is broken or frayed, repair or replace it immediately. Don’t take chances with electrical fire or shock.


86266500
PRV NO. 76070
BLK
86267010
PRV NO. 880149
VAC
MOTOR
VAC
MOTOR
BLK
86268240
PRV NO. 88220
BLK
86268240
PRV NO. 88220
BLK
4 5
1 2
SWITCH
REAR VIEW
SWITCH
4 1 2 5
86266960
PRV NO. 880126
86010840
PRV NO. 880118
RED
FERRITE
BLK
MOLEX
BRUSH
MOTOR
RED
BLK
86267210
PRV NO. 880248
BRN
LINE
EMI
FILTER
LOAD
86267270
PRV NO. 880256
86266950
PRV NO. 880123
86005700
PRV NO. 57104
86266500
PRV NO. 76070
880255
PRV NO. 880255
86268650
PRV NO. 88490
BLU
86005700
PRV NO. 57104
BRUSH
1 AMP
C.B.
VAC
10 AMP
C.B.
86267250
PRV NO. 880254
BRN
GRN
BRN
86010640
PRV NO. 87016
GROUND
POST
WHT NO TERMINAL
MICRO
SWITCH
BLK COM TERMINAL
POWER
CORD
GRN
86006500
PRV NO. 70024
86268520
PRV NO. 88349
86261570
PRV NO. 880253
SWITCH BOX
SCREW
86006810
PRV NO. 70363
88231
EXHAUST
SCREEN
HANDLE

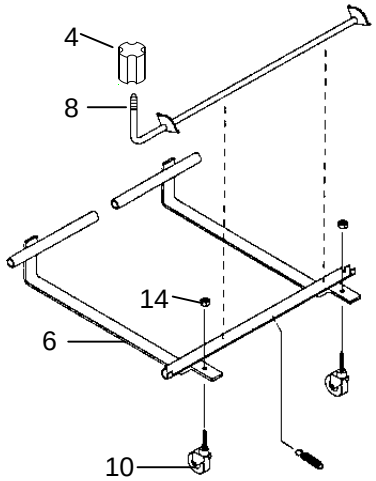
BRUSH AND DRIVE GROUP

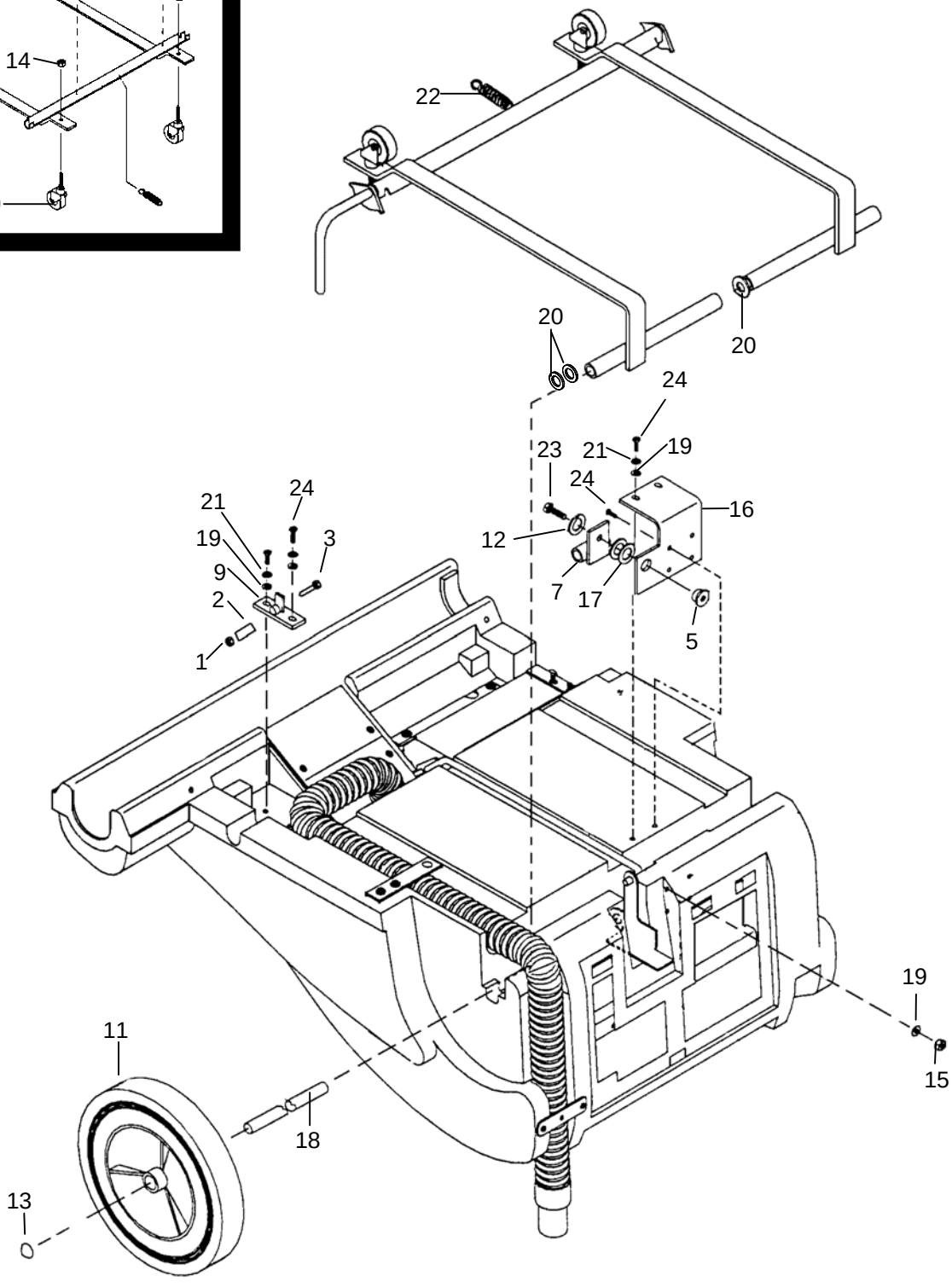


REF	PART NO.	PRV NO.	QTY	DESCRIPTION	SERIAL NO. FROM	NOTES:
1	86031710	14385	1	BODY, WAVIF (MACHINED)		
2	86011010	89199	1	WELDMENT, HOSE CONNECT		
3	86229050	14342	2	BEARING BLOCK		
4	86008210	73998	2	SPACER, .75OD X .5ID X .5L		
5	86000900	09019	2	BEARING, 1.125OD X .50ID X .375		
6	86001130	12039	1	BRUSH		
7	86000740	03112	1	AXLE, .5OD X 29.94L		
8	86005310	53624	1	MOTOR ASM, 180VDC 1/4HP 2700		
9	86006510	70043	2	SCR, 10-32 X 5/8 PFHMS		
10	86005710	57105	1	NUT, 1/4-20 HEX W/ STAR WASHER		
11	86004080	36197	2	GUARD, THREAD		
12	86007060	70710	4	SCR, 8-18 X 1/2 PFHST H-L		
13	86250420	64022	1	PULLEY, POLY V-BELT MOTOR		
14	86081840	62841	1	PLATE, MOTOR MOUNTING		
15	86006040	64104	1	PULLEY, BRUSH		
16	86277930	70119	2	SET SCR, 1/4-20 X 3/8		
17	86006550	70074	2	SET SCR, 10-32 X 1/4 KCP		
18	86006600	70114	6	SCR, #10 X 3/4 POLYFAST		
19	86276700	70716	5	SCR, 1/4-20 X 1/2 PPHMS PLTD		
20	86275570	70505	4	SCR, 1/4-20 X 1.0 HHCS PLTD.		
21	86010660	87025	11	WASHER, 1/4 LCK EXT STAR SS		
22	86010740	87090	8	WASHER, 1/4ID X 3/4OD		
23	86010840	880118	1	WIRE ASM, BRUSH MOTOR		
24A	86001250	140212	1	BRUSH SET, LEESON BRUSH MOTOR		
24B	86135360	14340	1	BRUSH SET, WINDSOR BRUSH MTR		
25	86087030	73992	1	SHOE, VAC		
26	86010640	87016	4	WASHER, #10 LOCK EXT STAR SS		
27	86006800	70361	4	SCR, 10-32 X 1/2 PHTR PLTD		
28	86001090	11041	1	BELT, 220 J-6 POLY-V		
29	86198530	99809	3.42'	FOAM TAPE, 1/8T X 3/4 1SDA		
30	86276040	70586	2	SCR, 1/4-20 X 3/4 BLK PPHTC		
31	86008200	73996	1	SPACER, .50OD X .37ID X .44L SS		
32	86005860	57273	1	NUT, 1/4-20 X 12MM HEX BARREL		
33	86080950	62650	2	PLATE, VAC HOSE RETAINER		
34	86004270	39480	1	HOSE ASM, 1.5 X 30.0 BLK VAC		
35	86002380	20046	1	CLAMP, 2.25" WORM GEAR		
36	86272430	66329	1	PLATE, ACCESS		
37	86002810	27063	1	COLLAR, 3/8 SHAFT		
38	86010680	87030	2	WASHER, 3/8ID X 3/4OD X 1.25		
39	86006280	66281	1	PEDAL, WAND ACTIVATOR		
40	86005060	51277	1	LINKAGE, WAND ACTIVATOR		
41	86003380	29202	1	DOOR, WAV FLAPPER		
42	86270910	57042	1	NUT, 3/8 PUSHLOCK		
43	86007690	73240	1	SPRING, EXT. 0.5OD X 2.25L X .063W		
44	86305040	-	2	GASKET, FLAPPER WAV	10125070000020	WAS 86003900 PRV 35224
45	86274750	70270	2	SCR, 1/4-20 X 3/4 HHCS		
46	86133710	99682	6”	TAPE, 5/8W X 1/4T PORON 4701-01		

BRUSH HEIGHT AND WHEEL GROUP

MAIN FRAME ASSEMBLY

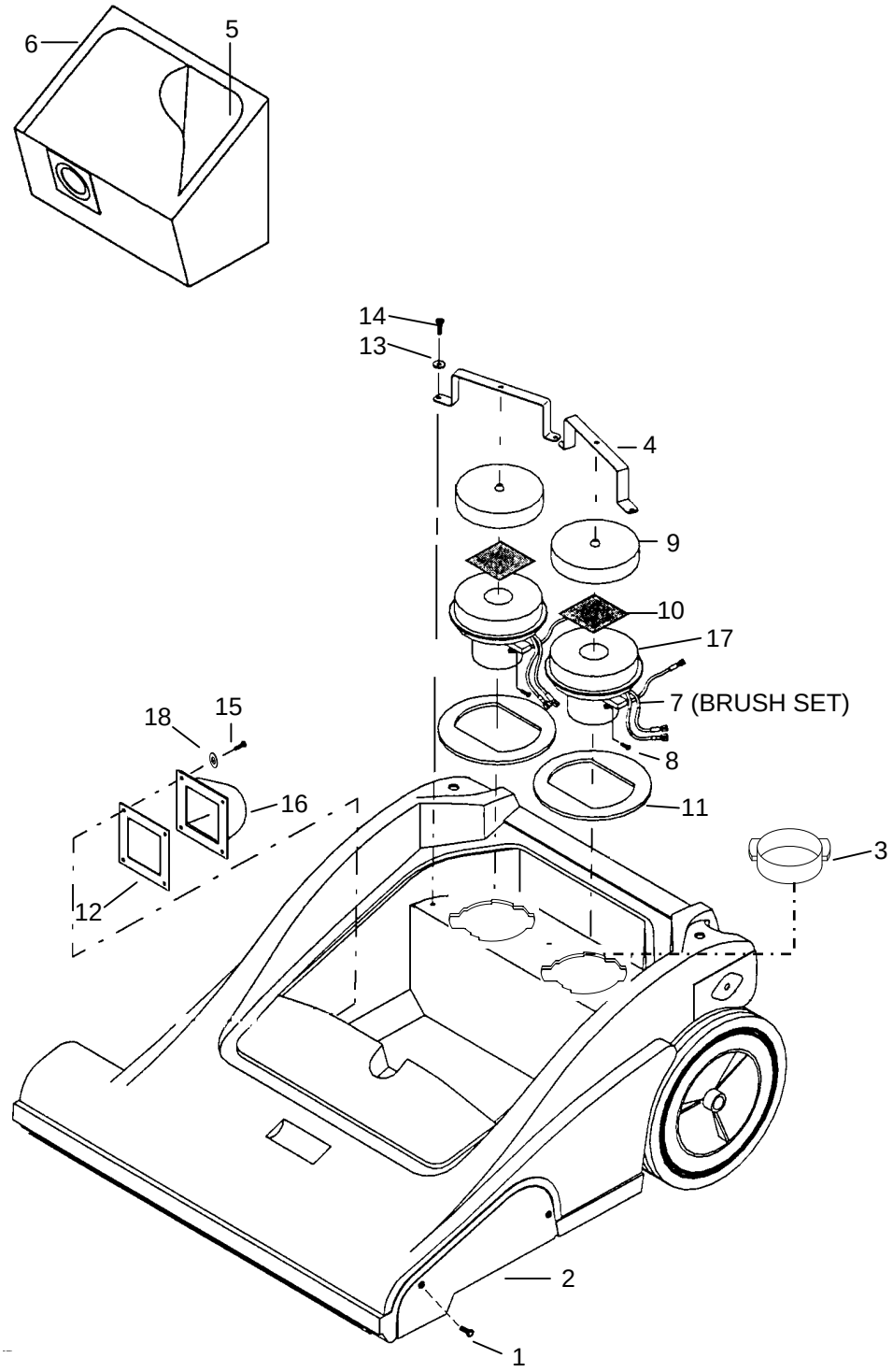




BRUSH HEIGHT AND WHEEL GROUP PARTS LIST

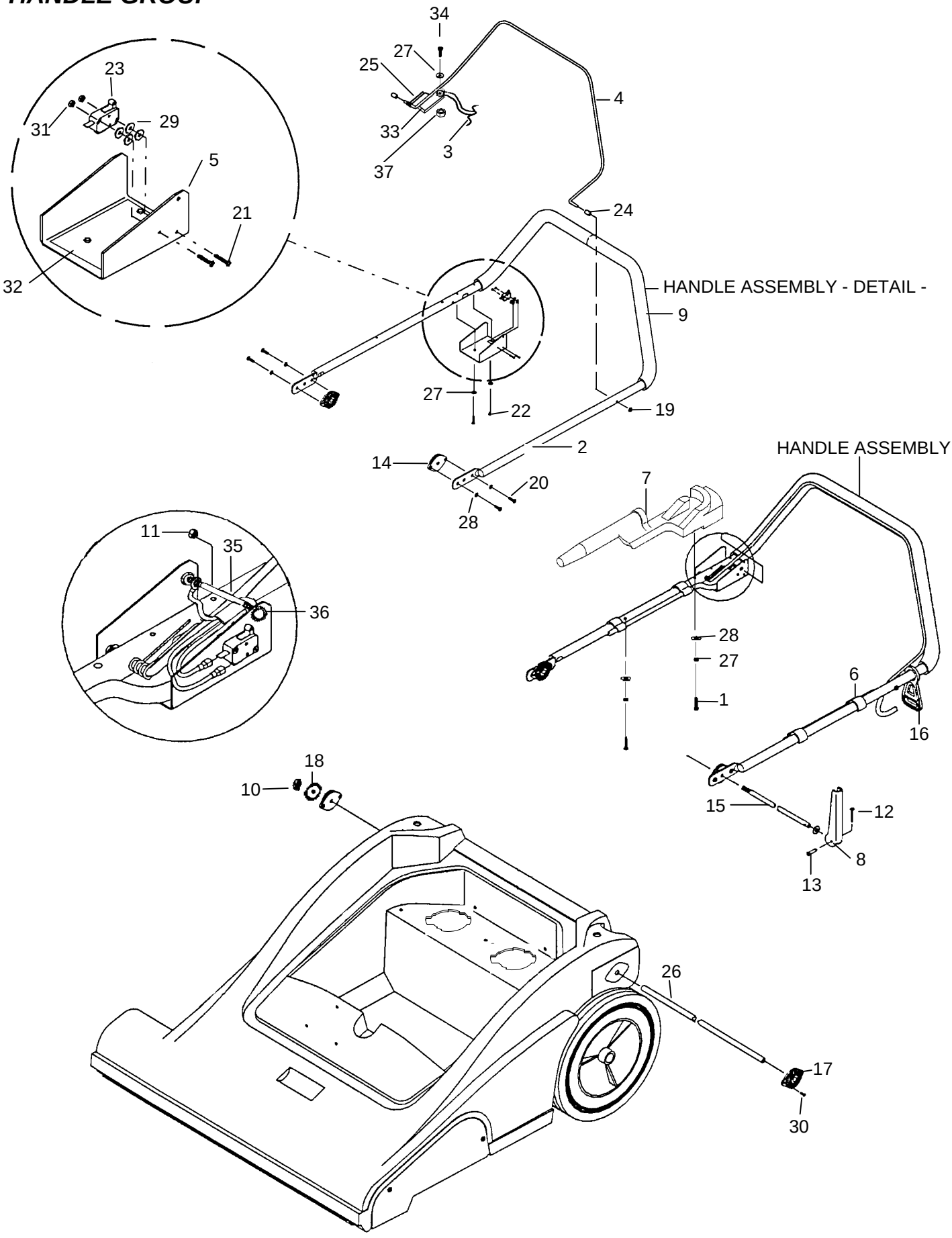
REF	PART NO.	PRV NO.	QTY	DESCRIPTION	SERIAL NO. FROM	NOTES:
1	86005860	57273	1	NUT, 1/4-20 X 12MM HEX BARREL		
2	86008200	73996	1	SPACER, .50OD X .37ID X .44L SS		
3	86006660	70190	1	SCR, 1/4-20 X 1/2 BHCS DL		
4	86008750	80673	1	KNOB, WITH 1/2-13 F-INSERT		
5	86001170	140054	1	BUSHING, BRZ 3/8-16 X .74 X .50		
6	86095660	89131	1	WELDMENT, FRAME		
7	86001220	140177	1	BRACKET, AXLE HANGER		
8	86091480	14351	1	BAR, HEIGHT ADJUSTMENT		
9	86092030	14353	1	BRKT, HEIGHT ADJ RIGHT		
10	86010910	89094	2	WHEEL, 1-5/8D CUSHION		
11	86259960	89506	2	WHEEL, 1 15/16” x 10” HOOSIER	1012505000207*	WAS 89279
12	86010790	87163	1	WASHER, 3/8 SPLIT LOCK PLTD.		
13	86001660	41236	2	HUBCAP, 5/8" SHAFT		
14	86270880	57032	2	NUT, 3/8-16 SERRATED FLG.		
15	86005680	57047	4	NUT, 1/4-20 NYLOCK PLTD.		
16	86080800	62623	1	PLATE, AXLE MOUNTING		
17	86279420	87156	2	WASHER, .75ID X 1.25OD X .125		
18	86006390	67376	1	ROD, .625 X 25.30 CRS		
19	86010740	87090	8	WASHER, 1/4ID X 3/4OD		
20	86010730	87088	3	WASHER, 3/4ID X 1.00 PLTD.		
21	86010660	87025	4	WASHER, 1/4 LOCK EXT. STAR SS		
22	86007740	73362	1	SPRING, EXT .5OD X 1.75L X .06W		
23	86006920	70507	1	SCR, 3/8-16 X 3/4 HHCS GR5 PLTD.		
24	86275570	70505	8	SCR, 1/4-20 X 1.0 HHCS PLTD.		

VACUUM GROUP



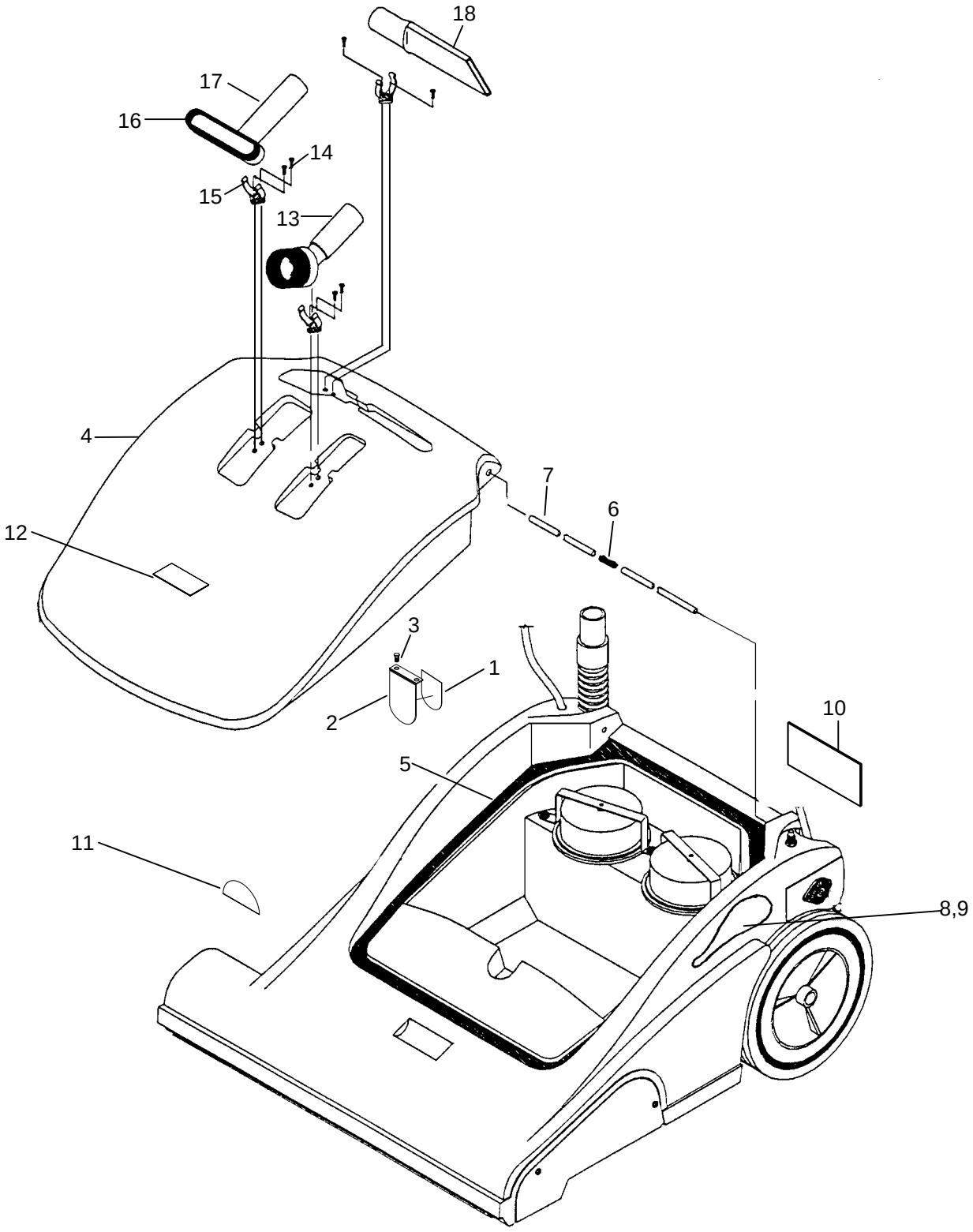
REF	PART NO.	PRV NO.	QTY	DESCRIPTION	SERIAL NO. FROM	NOTES:
1	86276040	70586	5	SCR, 1/4-20 X 3/4 BLK PPHTC		
2	86064180	36185	1	GUARD, BELT		
3	86232160	27538	2	CAP, MOTOR END VAC-PAC		
4	86068760	140196	2	BRKT, VAC MOTOR MOUNTING		
5	86215090	140949	2	BAG, PAPER WIDE AREA VAC		
6	86001200	140164	1	BAG, CLOTH U19855		
7	86230760	140216	2	BRUSH SET, 230V 5.7 1ST VAC		
8	86006770	70323	2	SCR, 10-32 X 1/4 PHTR PLTD.		
9	86003510	34012	2	FILTER, VAC MOTOR		
10	86086800	73461	2	SCREEN, 5/32 .032T 20GA AL 3X3		
11	86237580	35204	2	GASKET, 4.0ID X 5.5OD X .38THK PRN		
12	86003820	35200	1	GASKET, FILTER BAG NECK		
13	86010660	87025	2	WASHER, 1/4 LOCK EXT STAR SS		
14	86275570	70505	2	SCR, 1/4-20 X 1.0 HHCS PLTD.		
15	86006600	70114	4	SCR, #10 X 3/4 POLYFAST		
16	86062690	29205	1	DEBRIS CHUTE, WAV		
17	86258560	53615	2	VAC MOTOR, 220V 5.7 1ST		
18	86010650	87018	4	WASHER, #10 X 9/16 OD		

HANDLE GROUP



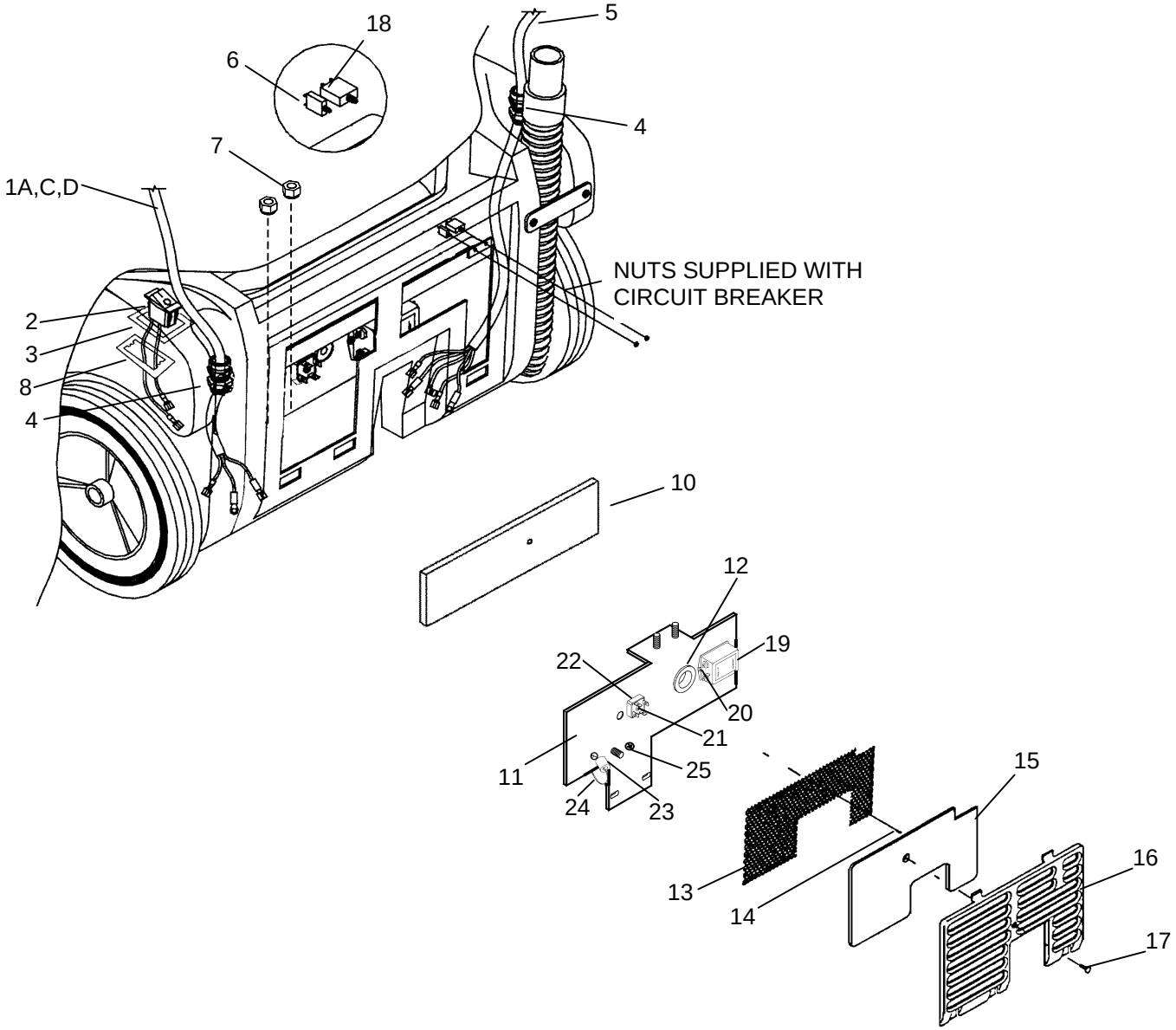
REF	PART NO.	PRV NO.	QTY	DESCRIPTION	SERIAL NO. FROM	NOTES:
1	86274640	70253	1	SCR, 10-32 X 1.25 PPHMS		
2	86076510	38272	1	HANDLE, MAIN		
3	86268300	88231	1	WIRE, 6" GRN/18 76008 X 76011		
4	86091470	140309	1	BAR ASM, BRUSH SWITCH		
5	86069190	140310	1	BRKT, SWITCH MOUNTING		
6	86198480	27371	4	CLIP, POWER CORD		
7	86004490	41373	1	HOLSTER, WAV WAND		
8	86246320	51142	1	LEVER, HANDLE LOCK		
9	86238290	36104	2	GRIP, HANDLE ADJUSTMENT		
10	86005630	57022	1	NUT, 3/8-16 THIN NYLOCK SS		
11	86005710	57105	1	NUT, 1/4-20 HEX W/ STAR WASHER		
12	86008650	80604	1	RING, RUE COLLAR 1/4 PLTD.		
13	86272300	66133	1	PIN, CLEVIS 3/16 X 7/8L		
14	86005020	51184	2	LOCK, HANDLE ADJUSTMENT		
15	86006380	67374	1	ROD, HANDLE ADJ.		
16	86256170	73169	1	STRAIN RELIEF, CORD HOOK		
17	86005050	51254	2	LOCK, HANDLE		
18	86010710	87080	2	WASHER, .5 X 1.25 FLAT PLTD.		
19	86271240	57154	2	NUT, CAP 1/4 DIA RETAINING PLTD.		
20	86007050	70683	4	SCR, 10-32 X 3/8 PHMS SS DL		
21	86006720	70245	2	SCR, 4-40 X 3/4 PHMS PLTD.		
22	86006800	70361	2	SCR, 10-32 X 1/2 PHTR PLTD.		
23	86007100	72093	1	SWITCH, 125VDC SPST N.O.		
24	86007820	73698	2	SPACER, .50D X .28ID X .38L		
25	86255250	73843	1	SPRING, TORSION		
26	86089370	78365	1	TUBE, HANDLE ADJUSTMENT		
27	86010640	87016	5	WASHER, #10 LOCK EXT. STAR SS		
28	86010650	87018	6	WASHER, #10 X 9/16OD		
29	86010690	87068	4	WASHER, 1/8 RIVET BACKUP		
30	86006510	70043	4	SCR, 10-32 X 5/8 PFHMS SS		
31	86271280	57163	2	NUT, 4-40 W/ STAR WASHER		
32	86249500	62839	1	PLATE, SWITCH BOX INSLTR		
33	86246430	51299	1	LEVER, SPRING STEEL		
34	86006810	70363	1	SCR, 10-32 X 3/8 PHTR PLTD.		
35	86007010	70663	1	SCR, 1/4-20 X 3-1/4 HHCS PLTD.		
36	86010660	87025	1	WASHER, 1/4 LOCK EXT STAR SS		
37	86005700	57104	1	NUT, 10-32 W/ STAR WASHER PLTD		

LID/DECAL GROUP



REF	PART NO.	PRV NO.	QTY	DESCRIPTION	SERIAL NO. FROM	NOTES:
1	86003780	35171	1	GASKET, ACCESSORY PORT		
2	86234760	27674	1	COVER, ACCESSORY PORT		
3	86006500	70024	2	SCR, #8 X 1/2 SHT METAL SS		
4	86031930	51335	1	LID, WAV (MACHINED)		
5	86237590	35207	2	GASKET, FOAM 1/2 X 10		
6	86255240	73838	1	SPRING, .24OD X 2.0 COMP		
7	86006290	66285	2	PIN, .250 X .75 CRS		
8	86245590	50758	1	LABEL, WAVE LOGO RIGHT		
9	86245580	50757	1	LABEL, WAVE LOGO LEFT		
10	86245650	50776	1	LABEL, WARNING		
11	86245620	50762	1	LABEL, BRUSH HEIGHT ADJ.		
12	86245600	50759	1	LABEL, WINDSOR LOGO		
13	86000007	02083	1	BRUSH, 3" DUST		
14	86274520	70233	6	SCR, #10 X 3/8 PH HI-LO PLTD		
15	86002990	27744	3	CLIP, C 1-1/2 PLASTIC		
16	86283600	02085	1	BRUSH, UPHOLSTERY		
17	86000080	02084	1	TOOL, 5" UPHOLSTERY		
18	69034030	-	1	CREVICE NOZZLE		

ELECTRICAL PANEL AND COVER GROUP



REF	PART NO.	PRV NO.	QTY	DESCRIPTION	SERIAL NO. FROM	NOTES:
1A	86234300	23672	1	CORD ASM, 75FT EURO		
1B	-	OPEN	-	-		
1C	86260920	23202	REF	CORD ASM, 75FT BRITISH		
1D	86260930	23203	REF	CORD ASM, 75FT AUST		
2	86256780	72076	1	SWITCH, DPST 250V 16 (6) A ROCKER		
3	86003830	35206	1	GASKET, SWITCH SEAL		
4	86005670	57040	2	NUT, 1/2 NPT CONDUIT		
5	86261570	880253	1	WIRE ASM, BRUSH/HANDLE SWITCH		
6	86001940	14635	1	BREAKER, 10A CIRCUIT		
7	86005680	57047	2	NUT, 1/4-20 HEX NYLOCK		
8	86233510	27376	1	CLIP, SWITCH RETAINING		
9	-	OPEN	-	-		
10	86003550	34310	1	FOAM, SOUND INSULATION		
11	86082750	66323	1	PLATE, ELECTRICAL PANEL		
12	86238400	36125	1	GROMMET, 3/4ID X 1.38OD		
13	86086830	73863	1	SCREEN, EXHAUST		
14	86006500	70024	8	SCR, #8 X 1/2 SHT METAL SS		
15	86236080	34326	1	FILTER, EXHAUST		
16	86063720	27738	1	COVER, REAR		
17	86172770	70610	1	SCR, 1/4-20 X 1.0 BLK THUMB		
18	86230030	140106	1	BREAKER, 1.2A THERMAL CIRCUIT		
19	86236050	34313	1	FILTER, EMI 250V 10A		
20	86006520	70052	2	SCR, 8-32 X 3/8 PPHMS SS		
21	86006490	70013	1	SCR, 8-32 X 3/4 PPHMS SS		
22	86006350	67029	1	RECTIFIER, BRIDGE		
23	86235800	34314	1	FERRITE, .505 X 1.02 X 1.13L		
24	86264920	27049	1	CABLE TIE, 7" UL/CSA		
25	86245040	50279	1	LABEL, GROUND SYMBOL		

SUGGESTED SPARE PARTS

PART NO	PRV NO.	DESCRIPTION	SERIAL NO. FROM	NOTES:
86001090	11041	BELT, 220 J-6 POLY-V		
86215090	140949	BAGS, PAPER (PKG. OF 10)		
86003510	34012	FILTER, VAC MOTOR		
86236080	34326	FILTER, EXHAUST		
86001200	140164	BAG, CLOTH		
86230760	140216	BRUSH SET, 230V 5.7 1ST VAC		
86001250	140212	BRUSH SET, LEESON BRUSH DRVMOTOR		
86135360	14340	BRUSH SET, WINDSOR 53616/53617		